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(c) 2008 Gale/Cengage. All rights reserved.
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(c) 1999 PR Newswire Association Inc. All rights reserved.
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(c) 2008 San Jose Mercury News. All rights reserved.
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: d s

Set	Items	Description
S1	1046	S (KERNEL(3N)(EMULAT? ? OR SIMULATOR? ? OR VIRTUAL?))
S2	861508	S 1 *NO* (NATIVE OR NONNATIVE OR NATIVE)
S3	2306	S (CONVERT? OR CONVERSION? ? OR CHANGE?? OR CHANGING OR TRANSLAT? OR CHANG? OR ALTER? OR ALTERATION? ? OR MODIF? OR TRANSFORM? OR REPLAC??? OR SUBSTITUT????)(2N)KERNEL? ?
S4	22	S S3(20N)S2
S5	0	S S4(20N)S1
S6	29	S S1(100N)S3
S7	16	RD (unique items)

?

Subject summary

? 1/3 k/all

7/3.K/1 (Item 1 from file: 15) [Links](#)

ABI/Inform(R)

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03470908 1601023431

Code For The Virtualized World

Babcock, Charles

InformationWeek n1211 pp: 44

Nov 17, 2008

ISSN: 8750-6874 Journal Code: IWK

Word Count: 429

Text:

...for \$500 million, many open source developers are shifting their interest to a lesser-known alternative: Kernel Virtual Machine, or KVM, the x86 virtualization engine embedded in the Linux kernel since February 2007...

7/3.K/2 (Item 2 from file: 15) [Links](#)

ABI/Inform(R)

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03165317 1187114811

Virtual Enlightenment Through Xen

Venezia, Paul

InfoWorld v28n50 pp: 42-44

Dec 11, 2006

ISSN: 0199-6649 Journal Code: IFW

Word Count: 1246

Text:

...on a new server on that segment.

When the hosts PXEboot, they run a highly modified Linux kernel and no console, so there's no need for any KVM on the server, because...

...these servers are available, as are any NICs and HBAs that are supported by the Virtual Iron kernel. In the testing I was able to conduct in Virtual Iron's labs, this included...

7/3.K/3 (Item 3 from file: 15) [Links](#)

ABI/Inform(R)

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03107119 1085946091

Scaling up? Virtuozzo Performs

Venezia, Paul

InfoWorld v28n27 pp: 22-23

Jul 3, 2006

ISSN: 0199-6649 Journal Code: IFW

Word Count: 476

Text:

...to that of Solaris Containers and BSD jails in that a single instance of a modified OS kernel supports multiple VPSeS (Virtual Private Servers). Virtuozzo for Linux supports multiple flavors of the free OS. It can be...

7/3.K/4 (Item 4 from file: 15) [Links](#)

ABI/Inform(R)

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03030186 986381591

Virtualization comes to Novell's Linux

Mears, Jennifer

Network World v23n5 pp: 8

Feb 6, 2006

ISSN: 0887-7661 Journal Code: NWW

Word Count: 368

Abstract:

...In the past, customers could run Virtual Iron on Linux, but only on a

Linux kernel modified by Virtual Iron. With SuSE Linux supporting Virtual Iron in the kernel, all applications certified to run on SLES 9 will run in a Virtual Iron environment...

Text:

...In the past, customers could run Virtual Iron on Linux, but only on a Linux kernel modified by Virtual Iron. The open source Xen virtualization technology also requires kernel modification. VMware and Microsoft, on the other hand, do not require changes to the kernel with their virtualization approaches. In many cases, customers also had to recompile applications to run in a Virtual Iron environment. With SuSE Linux supporting Virtual Iron in the kernel, all applications certified to run on SLES 9 will run in a Virtual Iron environment...

7/3,K/5 (Item 1 from file: 610) [Links](#)

Business Wire

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0001595474 1BE5AE4308AAB11DBA620B1FD76EFB5E3 (USE FORMAT 7 FOR FULLTEXT)

IDC Releases Top 10 Predictions for Worldwide System Infrastructure Software, 2007

Business Wire

Wednesday, December 13, 2006 T13:00:00Z

Journal Code: BW Language: ENGLISH Record Type: FULLTEXT Document Type: NEWSWIRE

Word Count: 591

Text:

...use of Linux paravirtualization will be mostly sizzle - not steak. Few users are going to substitute their current kernel with a paravirtualized kernel.

4. Management of virtual infrastructure takes center stage at large enterprises, extending adoption of virtualization across test, development, and...

7/3,K/6 (Item 1 from file: 647) [Links](#)

UBM Computer Fulltext

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01309208 CMP Accession Number: IWK20081117S0026

Code For The Virtualized World

Charles Babcock

INFORMATIONWEEK, 2008, n 1211, PG44

Publication Date: 081117

Journal Code: IWK Language: English

Record Type: Fulltext

Section Heading: IN DEPTH/Open Source

Word Count: 440

Text:

...for \$500 million, many open source developers are shifting their interest to a lesser-known alternative: Kernel Virtual Machine, or KVM, the x86 virtualization engine embedded in the Linux kernel since February 2007...

7/3,K/7 (Item 1 from file: 275) [Links](#)

Gale Group Computer DB(TM)

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03181394 Supplier Number: 155935546 (Use Format 7 Or 9 For FULLTEXT)

Exclusive: Virtual enlightenment through Xen - VirtualIron taps promising open source virtualization standard (introduced Virtual Iron 3.1)(Editorial)

Venezia, Paul

InfoWorld, 28, 50, 2

Dec 11, 2006

Document Type: Editorial

ISSN: 0199-6649

Language: English Record Type: Fulltext
Word Count: 1223 Line Count: 00098

...on a new server on that segment.

When the hosts PXEboot, they run a highly modified Linux kernel and no console, so there's no need for any KVM on the server, because...

...these servers are available, as are any NICs and HBAs that are supported by the Virtual Iron kernel. In the testing I was able to conduct in Virtual Iron's labs, this included...

7/3,K/8 (Item 2 from file: 275) [Links](#)

Gale Group Computer DB(TM)

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02998599 Supplier Number: 147892810 (Use Format 7 Or 9 For FULL TEXT)

Virtuozzo caters to high-volume server environments - Multiple virtual servers run on a single kernel with high performance and excellent management.

Venezia, Paul

InfoWorld , 28 , 27 , 9

July 3 , 2006

ISSN: 0199-6649

Language: English Record Type: Fulltext

Word Count: 509 Line Count: 00044

...to that of Solaris Containers and BSD jails in that a single instance of a modified OS kernel supports multiple VPSes (Virtual Private Servers). Virtuozzo for Linux supports multiple flavors of the free OS. It can be...

7/3,K/9 (Item 3 from file: 275) [Links](#)

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01518269 Supplier Number: 12226128 (Use Format 7 Or 9 For FULL TEXT)

HP-UX operating system kernel support for the HP 9000 Series 700 workstations. (Technical)

Kerschen, Karen; Glasson, Jeffrey R.

Hewlett-Packard Journal , v43 , n3 , p6(5)

June , 1992

Document Type: Technical

ISSN: 0018-1153

Language: ENGLISH Record Type: FULLTEXT; ABSTRACT

Word Count: 3654 Line Count: 00297

Abstract: Hewlett-Packard Co engineers made changes to the kernel code of the HP-UX operating system to run on the HP 9000 Series 700... processors were designed for general computational needs. The Series 700 has floating-point hardware, but kernel instructions can emulate all the new floating-point instructions in software; computation is slower in software than in...

Abstract:

7/3,K/10 (Item 4 from file: 275) [Links](#)

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01245079 Supplier Number: 06211344 (Use Format 7 Or 9 For FULL TEXT)

Two that tango on the 80386. (DOS-under-UNIX systems)

Sarno, Kenneth M.

UNIX Review , v6 , n1 , p64(9)

Jan , 1988

ISSN: 0742-3136

Language: ENGLISH Record Type: FULLTEXT; ABSTRACT

Word Count: 6942 Line Count: 00530

...any DOS or BIOS-related knowledge resides at the user level rather than in the kernel. Hardware device emulations, meanwhile, are handled both by the ECT and (modified) UNIX device drivers.

Code inside the...

...returns to the V8086 task directly, with no kernel intervention. A surprisingly small number of modifications to the kernel have made it possible for UNIX to "understand" that a single process could, in

fact...

7/3/K/11 (Item 1 from file: 621) [Links](#)

Gale Group New Prod.Annou.(R)

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05147750 Supplier Number: 168602472 (USE FORMAT 7 FOR FULLTEXT)

Novell Boosts Linux Virtualization with VMware Support.

PR Newswire , p NA

Sept 12 , 2007

Language: English Record Type: Fulltext

Document Type: Newswire ; Trade

Word Count: 521

Supplier Number: (USE FORMAT 7 FOR FULLTEXT)

Text:

Novell modifies Linux kernel to support VMware Virtual Machine Interface to improve Linux virtual machine performance in VMware environments

7/3/K/12 (Item 1 from file: 636) [Links](#)

Gale Group Newsletter DB(TM)

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06640928 Supplier Number: 168634932 (USE FORMAT 7 FOR FULLTEXT)

Novell Boosts Linux Virtualization with VMware Support; Novell modifies Linux kernel to support VMware Virtual Machine Interface to improve Linux virtual machine performance in VMware environments.

M2 Presswire , p NA

Sept 13 , 2007

Language: English Record Type: Fulltext

Document Type: Newswire ; Trade

Word Count: 566

Supplier Number: (USE FORMAT 7 FOR FULLTEXT)

Novell Boosts Linux Virtualization with VMware Support; Novell modifies Linux kernel to support VMware Virtual Machine Interface to improve Linux virtual machine performance in VMware environments.

Text:

M2 PRESSWIRE-13 September 2007-NOVELL: Novell Boosts Linux Virtualization with VMware Support; Novell modifies Linux kernel to support VMware Virtual Machine Interface to improve Linux virtual machine performance in VMware environments(C)1994-2007 M2...

7/3/K/13 (Item 1 from file: 16) [Links](#)

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13447643 Supplier Number: 147833057 (USE FORMAT 7 FOR FULLTEXT)

Virtualization comes to Novell's Linux; * Novell supports Virtual Iron's virtualization and management technology.(partnered with Virtual Iron, Red Hat Inc. and VMware Inc.)

Mears, Jennifer

Network World , p NA

Feb 14 , 2006

Language: English Record Type: Fulltext

Document Type: Magazine/Journal ; General Trade

Word Count: 412

-

...In the past, customers could run Virtual Iron on Linux, but only on a Linux kernel modified by Virtual Iron. The open source

Xen virtualization technology also requires kernel modification. VMware and Microsoft, on the other hand, do not require changes

to the kernel with their virtualization approaches.

In many cases, customers also had to recompile applications to run in a Virtual Iron environment. With SuSE Linux supporting

Virtual Iron in the kernel, all applications certified to run on SLES 9 will run in a Virtual Iron environment...

7/3.K/14 (Item 2 from file: 16) [Links](#)

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13447365 Supplier Number: 147832777 (USE FORMAT 7 FOR FULLTEXT)

Virtualization comes to Novell's Linux.(partnered with Virtual Iron, Red Hat Inc. and VMware for plans to develop Linux operating system)

Mears, Jennifer

Network World , p 8

Feb 6 , 2006

Language: English Record Type: Fulltext

Document Type: Magazine/Journal ; General Trade

Word Count: 395

-

...In the past, customers could run Virtual Iron on Linux, but only on a

Linux kernel modified by Virtual Iron. The open source

Xen virtualization technology also requires kernel

modification. VMware and Microsoft, on the other hand, do not require changes

to the kernel with their virtualization approaches.

In many cases, customers also had to recompile applications to run

in a Virtual Iron environment. With SuSE Linux supporting

Virtual Iron in the kernel, all applications certified

to run on SLES 9 will run in a Virtual Iron environment...

7/3.K/15 (Item 1 from file: 148) [Links](#)

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0023452823 Supplier Number: 176778018 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Hypersonic aero builders reach for every advantage.(aerospace manufacturing)

Tooling & Production , 74 , 3 , 34(2)

March , 2008

ISSN: 0040-9243

Language: English

Record Type: Fulltext

Word Count: 1560 Line Count: 00125

...TRACI transformation orientation, a high-level language for kinematic

machine transformation, as well as the Virtual NC Kernel

package, a verification software which prevents any deviation in machining from the simulation modeling."

"As...

...says, "Siemens was the first one to come out with internal kinematic

transformation, real-time transformation. Our kernel has the

power to take all those calculations that used to take place in the...

7/3.K/16 (Item 2 from file: 148) [Links](#)

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04830776 Supplier Number: 09490813 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Developers rate Motorola's 68040.

Rooney, Paula

EDN , v35 , n19A , p1(3)

Sept 20 , 1990

ISSN: 0012-7515

Language: ENGLISH

Record Type: FULLTEXT; ABSTRACT

Word Count: 1110 Line Count: 00086

...operating-system changes were needed for Unisys 68040-based design.

Swales reports that company engineers modified their Unix

kernel to emulate a trap-handling mechanism not included on

the 68040. "We'll behave identically to the...

?

